

AMENDMENTS TO THE CLAIMS

1. (Currently amended) A printing method, comprising ~~the steps of~~:  
receiving print stream data at a printer;  
detecting at the printer, a network address in the received print stream data;  
if a network address is detected, then displaying or sending a message from the printer notifying a user entity of the network address detection and requesting authorization from the user entity to access the network address;  
if authorization to access is received from the user entity at the printer, sending on the Internet or other network, an access request for a document to the network address from the printer;  
retrieving the document from the network address at the printer;  
merging at the printer, the document from the network address into the print stream data to form a modified document; and  
printing the modified document.
2. (Original) The method as defined in claim 1, wherein the network address is a URL.
3. (Original) The method as defined in claim 1, wherein the detecting a network address step comprises detecting a barcode in the received data and translating the barcode to the network address.
4. (Original) The method as defined in claim 1, wherein, if no authorization to access is received, then printing the untranslated barcode.
5. (Original) The method as defined in claim 1, wherein, if no authorization to access is received, then printing the network address.
6. (Original) The method as defined in claim 1, wherein the authorization includes a username or password.

7. (Original) The method as defined in claim 1, further comprising the step of automatically sending an authorization/unauthorization for the network access based on a criteria.
8. (Original) The method as defined in claim 7, wherein the criteria is whether the network address is among one or more authorized network addresses.
9. (Original) The method as defined in claim 7, wherein the criteria is whether the printer includes antivirus capability.
10. (Original) The method as defined in claim 7, wherein the criteria is whether the network address is a secure site.
11. (Original) The method as defined in claim 1, wherein said receiving data step comprises receiving an e-mail containing said data.
12. (Original) The method as defined in claim 1, wherein said receiving data step comprises receiving an e-mail with an attachment containing said data.
13. (Original) The method as defined in claim 3, wherein said translating step comprises translating the barcode to obtain a PIN#; and wherein said sending step includes sending the PIN# with the access request to the network address for determining if the request is authorized.
14. (Original) The method as defined in claim 3, wherein the detecting a barcode step comprises interpreting a wrapper indicating that wrapped data is a barcode.
15. (Previously presented) The method as defined in claim 3, wherein the translated barcode includes information on printing the document inside another document; and further comprising the step of printing the document inside the other document in accordance with the printing information upon receipt of the document at the printer.

16. (Previously presented) The method as defined in claim 1, further comprising the step of printing the document inside in a master document.

17. (Previously presented) The method as defined in claim 3, wherein the translation step comprises:

translating the barcode to obtain at least one identifier that designates the type of contents in said document; and

determining a location of the document within the master document based on said identifier.

18. (Original) The method as defined in claim 1, wherein the displaying step comprises providing web content to a user location to display a menu of authorization selections.

19. (Currently amended) A program product comprising machine readable program code for performing the following method steps:

receiving print stream data at a printer;

detecting at the printer, a network address in the received print stream data;

if a network address is detected, then displaying or sending a message from the printer notifying a user entity of the network address detection and requesting authorization from the user entity to access the network address;

if authorization to access is received from the user entity, sending on the Internet or other network an access request for a document to the network address from the printer;

retrieving the document from the network address at the printer;

merging at the printer, the document from the network address into the print stream data to form a modified document; and

printing the modified document.